

TARTAKOVSKIY, M., inzh.

Mixed feed industry in the Polish People's Republic. Muk.-elev.
prom. 24 no.10:30 0 '58. (MIRA 11:12)
(Poland--Feed mills)

TARTAKOVSKIY, M., inzh.

Grain-processing machinery at the International Fair in Poznan
Muk.-elev. prom. 27 no.4:31-32 Ap '61. (MIRA 14:7)
(Grain-milling machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755020011-9

TARTAKOVSKIY, M., inzh.

Mixed feed production abroad. Muk.-elev. prom. 27 no.7:29 JI '61.
(MIRA 14:7)

(Flour and feed trade)

TARTAKOVSKIY, M., insh.

Problem concerning the enrichment of flour with vitamins (from
"Przegląd Zbożowo-Młynarski," no.12 1960). Muk.-elev. prom.
27 no.9:31 S '61. (MIRA 15:2)

(Flour)

TARTAKOVSKIY, M., inzh.

Milling equipment at the French National Exhibition in
Moscow. Muk.-elev. prom. 27 no.11:30-31 N '61.

(MIRA 14:12)

(Moscow--Exhibitions)

(France--Grain-milling machinery)

TARTAKOVSKIY, M., inzh.

Flour mill equipment at the 30th International Fair in Poznan.
Muk.-elev. prom. 28 no.1:29 Ja '62. (MIRA 16:7)

(Poznan--Exhibitions)

(Flour mills--Equipment and supplies)

TARTAKOVSKIY, M., inzh.

Grain production in Poland during the period 1961-1965 (from
"Przegląd Zbozowo-Młynarski," no. 6, 8, 9, and 11 1961). Muk.-
elev.prom. 28 no. 3:30 Mr '62. (MIRA 15:4)
(Poland--Grain)

TARTAKOVSKIY, M., inzh.

Results of the contest for methods of mechanized cleaning of
silos. Muk.-elev. prom. 28 no.7:17-19 J1 '62. (MIRA 15:9)

1. V/T Spetselevatormel'strcy.
(Silos—Cleaning)

TARTAKOVSKIY, M., inzh.

Research work of the Higher School of Agriculture in Poznań. Muk.-elev.
prom. 28 no.8:31 Ag '62. (MIRA 17:2)

TARTAKOVSKIY, M., inzh.

On the world grain market (from "Przegląd zbożowo-młynarski," nos.
1 - 2, 1962). Mik.-elev. prom. 28 no.10:32 0 '62. (MIRA 16:1)
(Grain trade)

TARTAKOVSKIY, M., inzh.

Milling equipment at the exhibition of the industrial production
of Italian firms in Moscow in 1962. Muk.-elev. prom. 28 no.12:
25-26 D '62. (MIRA 16:1)
(Moscow--Exhibitions) (Grain milling--Exhibitions)

TARTAKOVSKIY, M., inzh.

At the 1962 International Fair in Poznan' (from "Przeglad
zbozowo-mlynarski," no.8, 1962). Muk.-elev.prom. 29
no.1:31 Ja '63. (MIRA 16:4)

(Poznan'—~~Fairs~~)
(Grain handling machinery—Exhibitions)

BARDYSHEV, G., inzh.; TARTAKOVSKIY, M., inzh.

Abroad. Mik.-elev. prom. 29 no.2:31-32 F '63.
(Feeds) (Flour mills) (Grain elevators)

(MIRA 16:8)

TARTAKOVSKIY, M., inzh.

Construction of a new milling combine in Poland. Muk.-elev. prom.
29 no.3:29-30 Mr '63. (MIRA 16:9)

TARTAKOVSKIY, M., inzh.

Output and quality of flour in the countries of Western Europe.
Muk.-elev. prom. 29 no.4:31 Ap '63. (MIRA 16:7)

(Europe, Western—Flour)

TARTAKOVSKIY, M., inzh.

Determining the quantity of mites in grain products. Muk.-
elev. prom. 29 no.5:31-32 My '63. (MIRA 16:7)
(Grain—Testing) (Mites)

TARTAKOVSKIY, M., inzh.

Improve in every possible way the working conditions. Mnk¹-elev.
prom. 29 no.6:3-6 Je '63. (MIRA 16:7)

1. V/T Spetselevatormel'montazh.
(Grain handling--Hygienic aspects)

TARTAKOVSKIY, M., inzh.

Grain production and the building of enterprises for storing
and processing grain abroad. Muk.-elev. prom. 29 no.7:29-30
Jl '63. (MIRA 17:1)

TARTAKOVSKIY, M., inzh.

In the People's Republic of Poland. Muk.-elev. prom. 29
no.8:3 of cover Ag '63. (MIRA 17:1)

TARTAKOVSKIY, M., inzh.

Production, storage, processing, and export of grain in various countries.
Muk.-elev. prom. 29 no.11:29-31 N '63. (MIRA 17:2)

TARTAKOVSKIY, M.,, inzh.

At the 32d International Fair in Poznan. Muk.-elev.prom. 30 no.1:
3 of cover Ja '64. (MIRA 17:3)

TARTAKOVSKIY, M.

Results of the competition on safety technique. Muk.-elev. prom.
30 no.3:24-26 Mr '64. (MIRA 17:4)

SHEVTSOV, V.D., inzh.; TARTAKOVSKIY, M.A., inzh.

Manufacture of stamped ventilation outlets out of roofing steel.
Mont. i spets. rab. v stroi. 24 no.9:16-18 S '62. (MIRA 15:9)

1. Trest Spetselevatormel'montazh.
(Ventilation—Equipment and supplies)
(Pipe, Steel)

LISTRATOV, Anatoliy Andreyevich; MAMUT, Yankel' L'vovich;
DENISENKOVA, L.M., red.; TARTAKOVSKIY, M.A., red.

[Asphalt concrete work at enterprises for grain storing
and processing] Asfal'tobetonnye raboty na predpriyatiakh
po khraneniyu i pererabotke zerna. Moskva, Zagotizdat,
1962. 37 p. (MIRA 17:2)

XHVILIVITSKAYA, M.I.; UVERSKAYA, V.T.; TARTAKOVSKIY, M.B. (Leningrad)

**Fourteenth All-Union Congress of Therapists. Terap.arkh. 29
no.1:83-99 Ja '57. (MIRA 10:12)
(HEART--DISEASES)**

TARTAKOVSKIY, Mikhail Borisovich

**[Unipolar electrocardiography] Odnopolusnais elektrokardio-
grafiia. Leningrad, Medgiz, 1958. 333 p.**

(MIRA 13:6)

(ELECTROCARDIOGRAPHY)

ARRIGONI, I.M.; TARTAKOVSKIY, M.B.

Electrocardiographic observations in cardiac insufficiency
treated by ligation of the external iliac veins. Trudy
LSGMI 40:86-93 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (rav.
klinikoy - prof.A.A.Kedrov).

(VEINS, ILIAC, surgery,
ligation in congestive heart failure ECG (Rus))
(CONGESTIVE HEART FAILURE, surgery,
ligation of iliac veins, ECG (Rus))
(ELECTROCARDIOGRAPHY, in var. dis.
congestive heart failure, after ligation of
iliac veins (Rus))

TARTAKOVSKIY, M.B.

Wilson's central electrode potential and method of taking
unipolar leads of the extremities. Trudy ISGMI 40:248-
257 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.
klinikoy - prof.A.A.Kedrov).

(ELECTROCARDIOGRAPHY,

Wilson's central electrode potential size
& limb unipolar leads (Rus))

TARTAKOVSKIY, M.B.

Normal electrocardiogram with increased unipolar leads of the extremities. Trudy ISGMI 40:258-271 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. klinikoy - prof.A.A.Kedrov).

(ELECTROCARDIOGRAPHY,

normal in increased unipolar limb leads
(Rus))

KISELEVA, L.N.; TARTAKOVSKIY, M.B.

Significance of increased unipolar leads of the extremities in
evaluating negative T waves in a third standard lead. Trudy
LSGMI 40:272-276 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.
klinikoy - prof.A.A.Kedrov).

(ELECTROCARDIOGRAPHY,

increased uniplar limb leads in negative T
wave in 3rd standard lead (Rus))

TARTAKOVSKIY, M.B.

Significance of increased unipolar leads from the extremities
in the diagnosis of myocardial infarction. Trudy ISGMI 40:
277-283 '58. (MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.
klinikoy - prof.A.A.Kedrov).

(ELECTROCARDIOGRAPHY, in var. dis.

myocardial infarct, increased unipolar limb
leads (Rus))

(MYOCARDIAL INFARCT, diagnosis,

ECG, increased unipolar limb leads (Rus))

TARIAKOVSKIY, M.B.

Methods of analysis of vectorcardiograms. Trudy LSGNI 48:323-342
'59. (MIRA 14:3)

(VECTORCARDIOGRAPHY)

TARTAKOVSKIY, M.B.

Normal vectorcardiogram in a system of bipolar thoracic leads.
Trudy LSGNI 48:343-356 '59. (MIRA 14:2)
(VECTORCARDIOGRAPHY)

ARRIGONI, I.M.; MINKIN, R.B.; RASPUTIN, A.M.; SOLOV'YEVA, Ye.A.;
TARTAKOVSKIY, M.B.

New method for a clinical evaluation of the electrocardiogram
(frequency analysis of waves of the ventricular complex).
Trudy LSGNI 48:408-433 '59. (MIRA 14:2)
(ELECTROCARDIOGRAPHY)

ARRIGONI, I.M.; MINKIN, R.B.; RASPUTIN, A.M.; SOLOV'YEVA, Ye.A.;
TARTAKOVSKIY, M.B.

Clinical significance of the frequency analysis of the ventricular
complex of the electrocardiogram. Trudy ISQNI 48:434-446 '59.
(MIRA 14:2)

(ELECTROCARDIOGRAPHY)

MINKIN, R.B.; TARTAKOVSKIY, M.B.

Significance of the auricular component in the formation of the
first heart sound. Trudy LSGNI 48:507-511 '59. (MIRA 14:2)
(HEART—SOUNDS)

TARTAKOVSKIY, M.B.

Vectocardiographic diagnosis of hypertrophy of the left ventricle.
Terap. arkh. 32 no. 7:29-39 JI '60. (MIRA 14:1)
(HEART—DISEASES) (VECTOCARDIOGRAPHY)

TARTAKOVSKIY, M.B.

Phase principle of vectorcardiographic analysis and its use in evaluating the electrical position of the heart. Kardiologiya 2 no.4:64-71 J1-Ag '62. (MIRA 15:9)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof. A.A. Kedrov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

(VECTORCARDIOGRAPHY)

BUTCHENKO, Lev Alekseyevich, st. nauchnyy sotr., kand. med. nauk;
TARTAKOVSKIY, M.B., red.; KHARASH, G.A., tekhn. red.

[Electrocardiography in sports medicine] Elektrokardiografiia
v sportivnoi meditsine. Leningrad, Medgiz, 1963. 206 p.
(MIRA 16:7)

(ELECTROCARDIOGRAPHY) (SPORTS MEDICINE)

TARTAKOVSKIY, Mikhail Borisovich; DEMBO, A.G., red.

[Fundamentals of clinical vectorcardiography] Osnovy klinicheskoi vektorkardiografii. Leningrad, Meditsina, 1964.
434 p. (MIRA 17:5)

ACC NR: AP7000330

SOURCE CODE: UR/0413/66/000/022/0078/0079

INVENTOR: Tartakovskiy, M. B.; Pupko, I. D.; Dolgov, V. K.

ORG: none

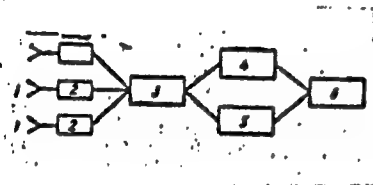
TITLE: A device for mass EKG examination of the population. Class 30, No. 188621

SOURCE: Izobreteniya, promyshlennye obraztzy, tovarnyye znaki, no. 22, 1966, 78-79

TOPIC TAGS: electrocardiography, heart rate, cardiovascular system

ABSTRACT: An Author Certificate has been issued for a device which contains electrodes, biopotential amplifiers, and power sources, and which has units for analyzing the temporary and amplitude relationships of EKG elements, a readout unit, and an automatic electromechanical lead commutator (see Fig. 1). It is designed for the

Fig. 1.



1 - Electrodes; 2 - biopotential amplifiers; 3 - electromechanical lead commutator; 4 - unit for analyzing temporary relationships of EKG elements; 5 - unit for analyzing amplitude relationships of EKG elements; 6 - readout unit.

ACC NR: AP7000330

automatic evaluation of EKG elements and for signal indication of deviations from selected EKG elements of examined EKG's with respect to normal EKG's. A model for analysis of the temporary relationships of EKG elements contains systems for identification of examined EKG intervals, comparison of the examined intervals with selected normal intervals, and signal indication during deviations of the values to be compared which exceed established values. A model for analysis of amplitude relationships of EKG elements includes systems for identification and amplitude comparison (with normal waves) of examined EKG waves, and systems for signal indication during deviations of the values to be compared which exceed established values. A model for signal indication of a deviation of the examined EKG elements from the established values and for reduction of the probability of an incorrect result consists of systems of coincidence; systems with different storage capacity, and a signal indicator. A device for automatic commutation of leads and establishment of a certain number of examined EKG cycles on each lead has systems for output of synchronized pulses, a counter of synchronized pulses, and a pitch selector. Orig. art. has: 1 figure. [SW]

SUB CODE: 06/ SUBM DATE: 20Jan64/ ATD PRESS: 5110

Card 2/2

TARTAKOVSKIY, M. G.

"Exudative Typhus or Fowl Pest," Arkhiv veterin. nauk (Archives
of Veterinary Medicine), 34, 642, 1904

3013R001755020011-9
September 26, 2002 CIA-RDP86-00513R001755020011-9
GLEYZER, M.D., inzh.; TARTAKOVSKIY, M.I., inzh.; KHOMYAKOV, K.A., inzh.

Construction of electric power transmission lines in mountainous
areas. Elek.sta. 33 no.1:74-76 Ja '62. (MIRA 15:3)
(Electric lines--Overhead)

00013R001755020011-9
September 26, 2002 CIA-RDP86-00513R001755020011-9
TARTAKOVSKIY, N., zasluzhennyy trener UkrSSR

We are preparing for finals. Radio no.3:7 Mr '65. (MIRA 18:6)

TARTAKOVSKIY, N., zasluzhennyy trener UkrSSR

Sportsmen of the Ukraine. Radio no.11:15-16 N '65.
(MIRA 18:12)

L 33245-66 EEC(k)-2/EWP(k)/EWT(d)/EWT(1)/FED/T IJP(c) WG
ACC NR: AP6005864

SOURCE CODE: UR/0406/65/001/003/0056/0070

AUTHOR: Tartakovskiy, P.

ORG: None

TITLE: Synthesis of a light signal receiver during the heterodyning of light

SOURCE: Problemy peredachi informatsii, v. 1, no. 3, 1965, 56-70

TOPIC TAGS: signal processing, light emission, coherent signal, laser application

ABSTRACT: The development of ²³laser technology opens up opportunities for the utilization of coherent light signals for communications and for the location of various objects. The present problem is the optimization of the methods of receiving such signals. The author calculates the statistical voltage characteristics at the output of a photomixer during the heterodyning of fluctuating light signals. In addition to the useful signal and, possibly, the background, the mixer is affected by a sufficiently powerful heterodyne signal; a circuit (filter) serves as a load and it is tuned to the intermediate frequency (between the input and the heterodyne signals). The author finds the optimal method for processing the voltage at the output of the photomixer in the receiver. The method makes it possible to obtain the best characteristics for the detection of weak light signals and to measure the parameters coded in them. An evaluation is made of the potential possibilities of light signal receivers in detection and measurement. Orig. art. has: 73 formulas and 3 figures.

SUB CODE: 17, 20 / SUBM DATE: 19Feb65 / ORIG REF: 004 / OTH REF: 002

Card 1/1 *dy*

UDC 621.391.63

83
B

S/124/62/000/005/012/048
D251/D308

AUTHORS: Tartakovs'kyi, P.P., and Putyata, V.Y.

TITLE: Generalization of the theory of the carrier line to the case of a sagittate wing

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 28, abstract 5B139 (Visnyk Kyivsk. un-tu, 1960 (1961) no. 3, ser. matem. ta mekhan. no. 1, 44 - 54)

TEXT: An attempt is made to generalize the theory of the carrier line to a sagittate wing by means of the distribution of the connected vortices of the wing on the carrier vortex line and the system of complementary connected vortices perpendicular to the axis of the wing, which permits infinitely great values of the induced velocity close to the carrier vortex. A method is given for calculating the vortex system of the wing, based on the combination of the general vortex theory of a wing of finite span with the theory of a thin profile, and also a method of calculating the complementary aerodynamic forces which arise as a result of the interaction of the complementary connected vortices and the transverse component

Card 1/2

Generalization of the theory of ...

S/124/62/000/005/012/048
D251/D308

of velocity of the current. [Abstractor's note: Complete translation].

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EPA(b)/EWT(1)/BDS/ES(v)

AEDC/AFFTC/ASD/AFMDC

Pd-4/Pe-4

S/0124/63/000/008/B035/B035

ACCESSION NR: AR3006434

SOURCE: RZh. Mekhanika, Abs. 8B196

AUTHOR: Tartakovskiy, P. P.; Putyata, V. I.

TITLE: Some aerodynamic problems of a swept wing

CITED SOURCE: Tr. Kuybyshensk. aviats. in-t, vy*p. 15, ch. 1, 1962, 3-22

TOPIC TAGS: aerodynamics, swept wing, slip, flow, cross-section lifting line theory

TRANSLATION: After a thorough analysis of the hypothesis of the plane cross section applied to a wing, streamlined with slip, the authors establish the necessity of introducing the supplementary assumptions and constructing a vortex system which takes account of the effect of the induced velocities directed along the axis of the wing; it is shown that the additional pressure arising at the wing with the slip, has a considerable value. Using the methods of the theory of thin profile wings, and the theory of lifting lines, and using certain solutions, obtained by these methods, the authors distribute the velocity along the surface of the wing. Calculation of the force arising on the swept-back wing is given;

Card 1/2

L 18766-63

ACCESSION NR: AR3006434

estimates are made of the effect of the curvature of the section. The question of the limits of applicability of the theory of lifting lines to the calculation of sweptback wings is considered. It is shown that the complete pressure drop is formed from the pressure drops determined on the basis of the theory of plane cross sections, and the fall of pressure caused by the flow directed along the axis of the wing; in some cases this term is compared with the first (fundamental). At the end of the work, a method is given for determining the distribution of the circulation along the wingspan of the swept wing. Bibl. 5 names. A. I. Borisenko

DATE ACQ: 28Aug63

SUB CODE: AP

ENCL: 00

В. М. Козлов, Н. В. Деренчук, Я. Н.

Card 2/2

TARTAKOVSKIY, P. S.

"Inter-Photoeffect and Energy Levels of Electrons in Crystals," Zhur. eksper. i
teoret. fiz., No.4, 1934

TARTAKOVSKIY, P.
BC

a-1

Energy levels of electrons in crystals. P.
TARTAKOVSKIY (Acta Physicochim. U.R.S.S., 1935, 3,
340-344). Electronic energy level diagrams for NaCl
and KCl crystals, obtained from absorption spectra,
and interpretation. O. J. W.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOL	101000 111 011 011	0111011	01111 011 011 011
147080 74	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

TARTAKOVSKIY, P.S.

Problem of measuring the temperature in a Martin furnace. P. S. Tartakovsky, A. M. Venderovich, A. K. Krainin and A. P. Fainov. *Zashchita* Lab. 4, 320 (1953).—Preliminary tests with a benzene-4) flame showed that there is a direct relation between the temp. and the rise, cond. of a flame. Hence, it is possible to det. the temp. of a flame by measuring the rise, current between electrodes placed in front of a metal rod in the furnace. Chas. Blaw

ASMLA METALLURGICAL LITERATURE CLASSIFICATION

u-1

Photo-electric emission in rock-salt crystals under ultra-violet illumination. P. TARTAGLIA and V. FOCORNI (Physikal. Z. Sovietunion, 1936, 9, 497-411; cf. A., 1936, 157).—The depolarization current has been investigated of an NaCl crystal containing U centers and polarized by illumination by an Al spark. After the depolarization current in ultra-violet light has fallen to a small value a large current is again observed on illumination with visible light. The depolarization current with visible light shows max. at 4500 and 4750 Å. It is deduced that the electrons forming the space charge are bound in two levels, the higher of which coincides with the f' level. O. D. S.

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TARTAKOVSKIY

SA

A 34
C

ANSH. Electron Shift in the Internal Photo-Effect. V. Tartakovsky. *J. of Exp. and Theor. Physics, U.S.S.R. 3, pp 280-283, 1950.*
In Russian.—The internal photo-effect in X-ray irradiated and coloured rock-salt was investigated by the optical probe method; in particular the spectral distribution of the depolarization current was measured. The question of the mechanism of recombination of the electrons at the end of their paths is also covered.

ADN 550 DETAIL SUPPLEMENTAL LITERATURE CLASSIFICATION

TARTAKOVSKIY, P. S.

**"Contribution to the Theory of the Inner Photoeffect in Dielectrics," Zhur.
Eksp. i Teoret. Fiz., No.3, 1940**

TARTAKOVSKIY, I. P. S.

Space charges and photoelectric conductivity. I.
P. S. Tartakovskiy and D. M. Kaminker. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 10, 139-41 (1940).—The

spectral distribution of the depolarization currents in the additively colored crystals of NaCl and KBr was studied in its dependence on the temp. and the length of the "dark pause." It was established that after a certain distance in the zone of cond., the electrons are captured on the F' level, thus forming space charges. These space charges disperse when the crystal is grounded in darkness or light. The magnitude of the space charge depends on the temp. The polarization is partially due to the ion space charges, the presence of which was proved by the expts. with "dark polarization." The two maxima on the curve of spectral distribution of depolarization current were observed for NaCl, KCl and KBr. H. D. M. Kaminker. *Ibid.* 145-9.—The investigation of the time dependence of the direct and the reverse photocurrents as the function of temp. shows that the process of polarization is due to the appearance of space charges. The space charges appear in the first moment of illumination, when these F' centers increased with the temp. The number of electrons captured on the F' levels also increases with temp. but on the other hand the speed of relaxation, i. e., transition of electrons on the usual F levels increases with temp. The counterplay of these factors leads to the stabilization of the current with the increasing temp. The space charges can also be dispersed in darkness, and the speed of this process depends exponentially on the temp. of the crystal.

Roksana Gamow

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TARTAKOVSKIY, P. S.

PROCESSES AND PROPERTIES INDEX																									
1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
ca																									
<p>Internal photoeffect and a possible scheme of the electron energy levels in sulfur. <u>P. S. Tartakovskiy and P. D. Kalayova</u>, <u>J. Exptl. Theoret. Phys. (U. S. S. R.)</u> 10, 1025-6 (1910); cf. <u>E. A. 34, 7740</u>.--The curve for the spectral distribution of the depolarization currents of crystal S at $\sim 184^\circ$ shows two maxima at $\lambda = 420$ nm and $\lambda = 550$ nm, resp. The analogy between atlochromatic and idiochromatic crystals is discussed. A transfer from the $3P$ to the $3D$ state takes place. P. H. H.</p>																									

TARTAKOVSKIY, P. S.

"Photoeffect in Crystals," Advances in Physics, pp. 3-22, 1947

Siberian Physico-Technical Inst. (SFTI), Tomsk

TARTAKOVSKIY, R. N.

"Calculation of Rail Bending in the Vertical Plane Considering the Dynamic Elasticity of the Bed." Cand Tech Sci, Moscow Inst of Railroad Transport Engineers, Moscow, 1954. (RZhMekh, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

DMITRIK, R.S.; IVASHCHENKO, N.F.; TARTAKOVSKIY, R.N., kand.tekhn.nauk
(st.Kazatin, Yugo-Zapadnoy dorogi)

Equipment of tie repair shops needs to be modernized. Put' 1
put. khoz. 5 no.3:26 Mr '61. (MIRA 14:3)

1. Nachal'nik shpaloremontnykh masterskikh, stantsiya Kazatin,
Yugo-Zapadnoy dorogi (for Dmitrik).
2. Nachal'nik Putevoy dorozhnoy
mashinnoy stantsii, st.Kazatin, Yugo-Zapadnoy dorogi (for Ivashchenko).
(Railroads--Ties)

LAYKO, N.V.; TARTAKOVSKIY, R.N.; kand.tekhn.nauk (g.Gomel'); SLAVIKOVSKIY,
N.A.; BARANOV, G.G.

From practices of the maintenance of a continuous track. Put' i
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"Explicit Formulae for Local Development of Solutions of a System of Ordinary Differential Equations", DAN 7 2, 633-636 (1950).

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✓ Tartakovskii, V. A. Explicit formulas for the solution of systems of ordinary differential equations. Ukrain. Mat. Zhurnal 3, 128-160 (1951). (Russian)
In two earlier notes [Doklady Akad. Nauk SSSR (N.S.) 72, 633-636, 853-856 (1950); these Rev. 12, 27, 180] the author announced and slightly elaborated his new approach to the solution of the n -dimensional analytical system $\dot{x} = f(x)$ by infinite vectors and matrices. In this paper this work is elaborated at length. In particular, the Cauchy existence theorem is dispensed with and is obtained by means of direct estimates. [Additional reference: Lappo-Danilevskii, Theory of functions of matrices . . . VGTII, Moscow, 1934.] S. Lefschetz (Princeton, N. J.).

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TARTAKOVSKIY, V. A.

PA 241T83

USSR/Mathematics - Invariants

Jan/Feb 53.

"N. V. Yefimov's \bar{N} -Invariants From the Theory of Bending of Surfaces," V. A. Tartakovskiy, Leningrad

"Matemat Sbor" Vol 32 (74), No 1, pp 225-248

N. V. Yefimov (ibid. 1939-1946; Uspekhi Matemat Nauk, Vol III, No 2 (24) (1948)) studied the flexibility and inflexibility "in the small" of a part of an analytical surface around its point of depression. In this article the author establishes a related theorem concerning the set of all points of the space of coeffs of n th-degree forms which represent special forms. Submitted 9 May 52.

241T83

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The spectrum of the matrix of differentiation at a point of
stationarity (with summary in English). Vest. LGU 12 no.7:
52-67 '57. (MLRA 10:5)
(Differential equations, Linear) (Matrices)

SOV/124-58-5-5021

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 11 (USSR)

AUTHORS: Tartakovskiy, V.A., Gofman, S.I.

TITLE: On the Operating Precision of Flexible-belt Transmissions (O
tochnosti peredach uprugoy lentoy)

PERIODICAL: Teoriya i raschet elementov priborov tochnoy mekhaniki.
Moscow-Leningrad, Mashgiz, 1957, pp 19-38

ABSTRACT: Examination is made of the transmission of a rotational
motion by a nonstretchable belt via pulleys of radius R between
two parallel shafts. A theoretical analysis is made of the ef-
fect of the elasticity (during flexure of the belt) on the variation
in the angle of lag δ (between the driven shaft and the drive
shaft) as a result of increasing the tensile force P in the belt in
proportion to the increase of the resistance on the driven shaft.
The approximate formula

$$\delta = \frac{\sqrt{(EI)^3}}{6R^3} \left(\frac{1}{\sqrt{P_2^3}} - \frac{1}{\sqrt{P_1^3}} \right)$$

Card 1/2